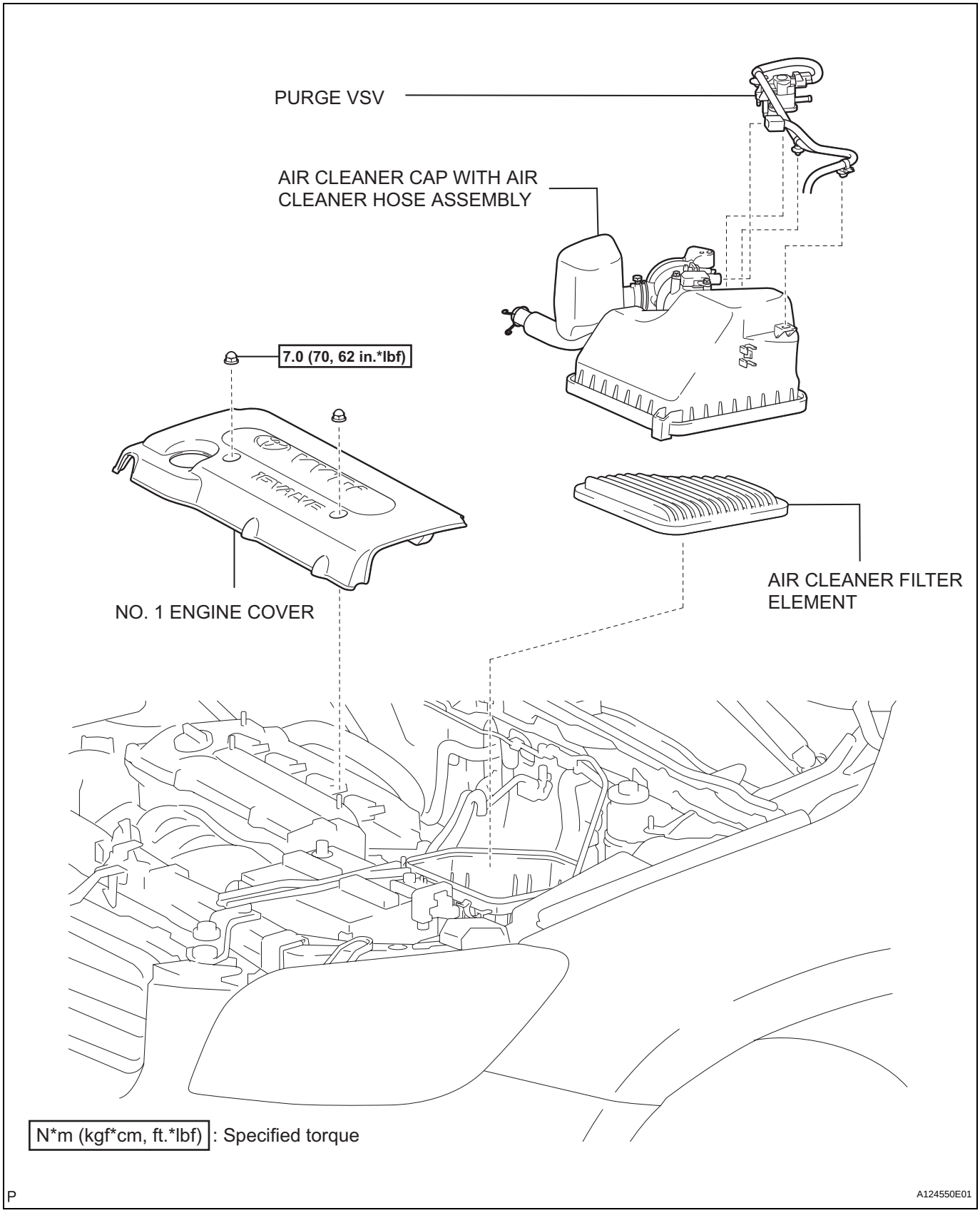
CAMSHAFT POSITION SENSOR

COMPONENTS



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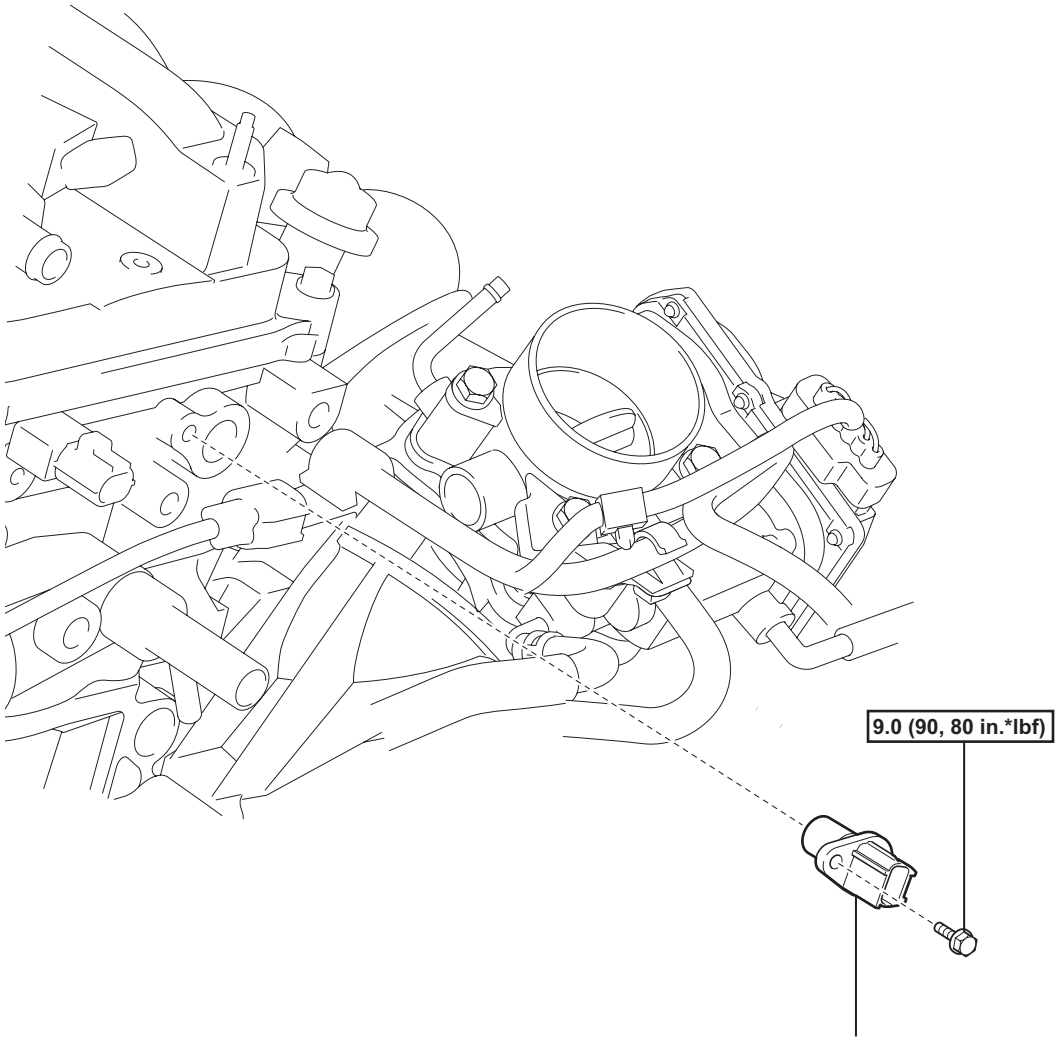

N*m (kgf*cm, ft.*lbf) : Specified torque

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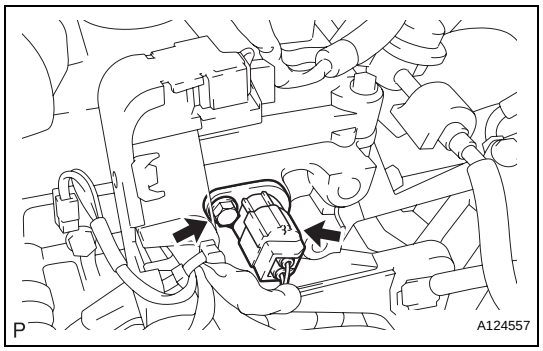
A124551E01

REMOVAL

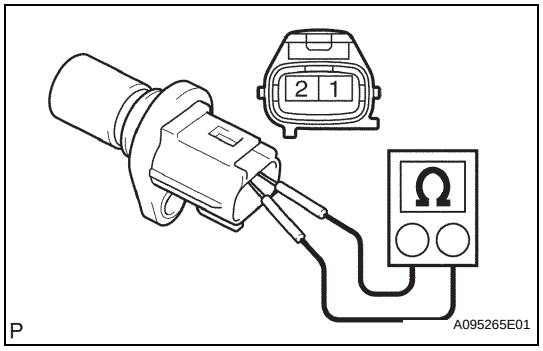
1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
   CAUTION:
   Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
2. **REMOVE NO. 1 ENGINE COVER (See page ES-410)**
3. **REMOVE AIR CLEANER CAP (See page ES-411)**
4. **REMOVE CAMSHAFT POSITION SENSOR**
   (a) Disconnect the sensor connector.
   (b) Remove the bolt and sensor.



INSPECTION

1. **INSPECT CAMSHAFT POSITION SENSOR**
   (a) Measure the resistance of the sensor.
   Standard resistance

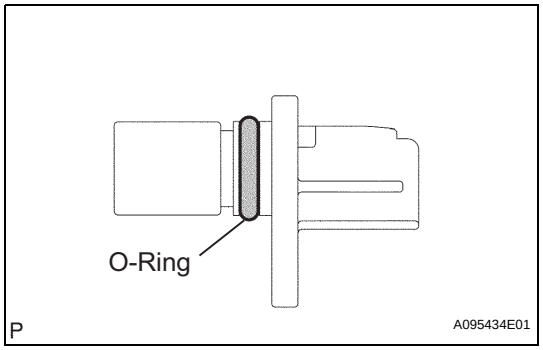
Tester Connection	Specified Condition
1 (G+) - 2 (G-)	835 to 1,400 Ω at Cold
1 (G+) - 2 (G-)	1,060 to 1,645 Ω at Hot

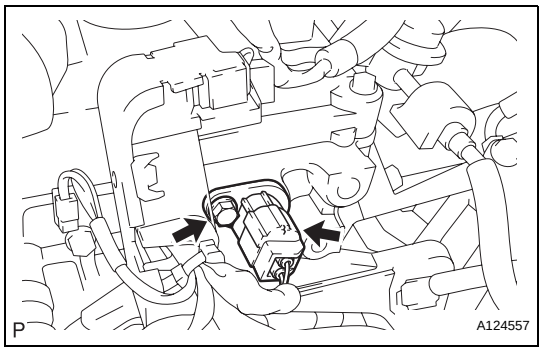


NOTICE:
Cold and Hot mean the temperature of the coils themselves. Cold is from -10 to 50°C (14 to 122 °F) and Hot is from 50 to 100°C (122 to 212°F).
If the result is not as specified, replace the camshaft position sensor.

INSTALLATION

1. **INSTALL CAMSHAFT POSITION SENSOR**
   NOTICE:
   Make sure that the O-ring is not cracked or jammed when installing it.
   (a) Apply a light coat of engine oil to the O-ring of the sensor.





(b) Install the sensor with the bolt.
Torque: 9.0 N*m (90 kgf*cm, 80 in.*lbf)
(c) Connect the sensor connector.

2. **INSTALL AIR CLEANER CAP (See page ES-413)**
3. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
4. **CHECK FOR ENGINE OIL LEAKAGE**
5. **INSTALL NO. 1 ENGINE COVER (See page ES-414)**